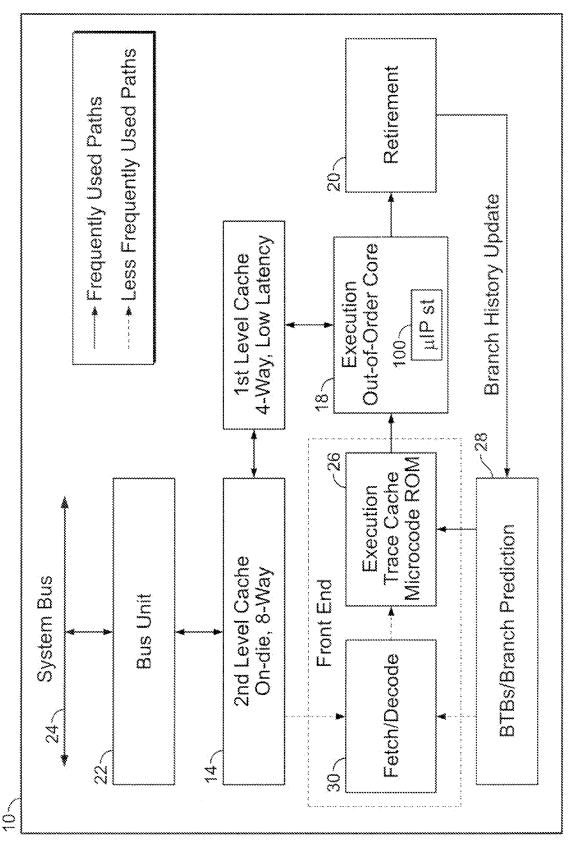
Replacement Sheet 1 of 4
Appin No.: 10/032,154
Applicant(s): Michael P. Comaby et al.
MICROINSTRUCTION POINTER STACK INCLUDING
SPECULATIVE POINTERS FOR OUT-OF-ORDER

EXECUTION



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MICROINSTRUCTION POINTER STACK INCLUDING
SPECULATIVE POINTERS FOR OUT-OF-ORDER
EXECUTION

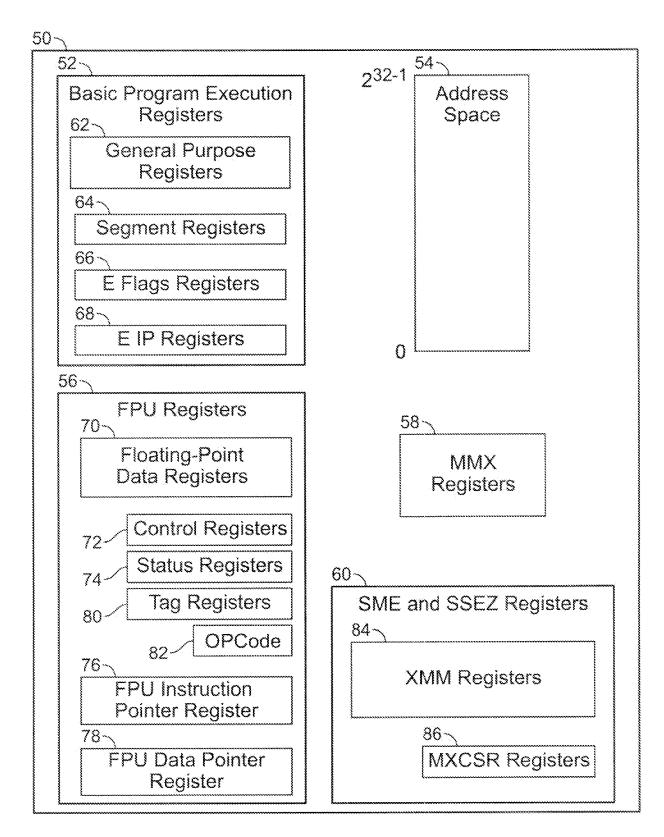


FIG. 2

Replacement Sheet 3 of 4
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MICROINSTRUCTION POINTER STACK INCLUDING
SPECULATIVE POINTERS FOR OUT-OF-ORDER
EXECUTION

100~

108 102 104~ 106~ μIP Entry Back Ptr RD RI Ret Ptr 110~ μ TOS Pointer 0 Amm 112~ 2 μ Alloc Pointer 3 114~ 4 Next Ret Pointer 5 116~ ս Ret TOS Pointer Null Null 0 0 0 0 n 0 n+1 0 0 n+2 0 0 n+3 0 0 n+4 0

FIG. 3

Replacement Sheet 4 of 4
Appin No.: 10/032,154
Applicant(s): Michael P. Comaby et al.
MICROINSTRUCTION POINTER STACK INCLUDING
SPECULATIVE POINTERS FOR OUT-OF-ORDER
EXECUTION

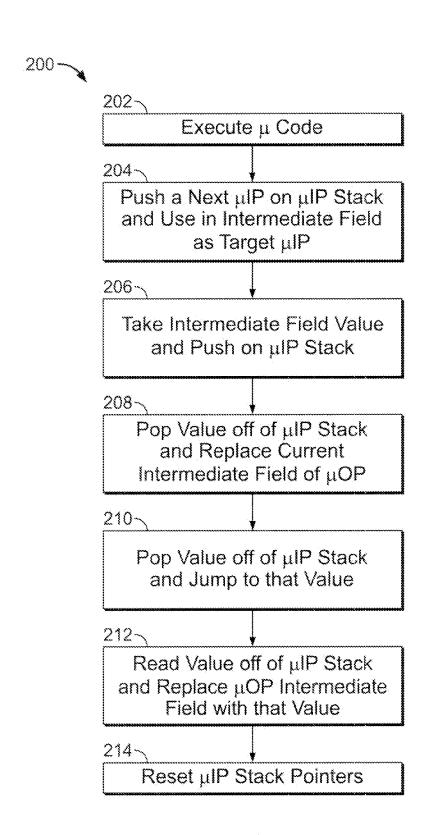


FIG. 4